

FILE
ED-188B
AIRCRAFT Equip.
(AERIAL DISPATCH Sys.)

56402/C-379

STAT

February 3, 1959

Rec'd
2-11-59
15-00
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Subject: Task Order No. 2

Dear Mr. Arnstin:

Enclosed are two copies of Progress Report No. 3 which summarizes the action taken on the subject Task Order during the period from 20 December 1958 through 20 January 1959.

Also enclosed is a copy of the Project Fiscal Report as of 31 December 1958.

Very truly yours,

STAT

TJH/jf

Enclosures:

- (A) Progress Report No. 3 (2 pgs) 2 copies
- (B) Project Fiscal Report (Task 2, 1 pg) 1 copy
(Task 1 & 2 total, 1 pg) 1 copy

Copy to: Contracting Officer
(w/1 copy of enclosures)

Contract Action:

1. At a meeting between the Government Project Engineer and [redacted] on January 13, 1959, at which time the existing conveyor was used to test various size cartons and pallets, the following decisions were made:

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a. The conveyor should be made to accommodate both the 37" door and the 55" door.

b. The exit direction should be 90°, or nearly 90°, in order to utilize the maximum door width.

c. Tapered rollers with serrations and/or skate wheels should be used to aid in making the pallets track.

d. The inside rail should be the minimum size possible, except that the existing rail should be used if possible.

e. There is no weight requirement for this revised system. A final design will be made with weight saving as the prime objective after a feasible conveyor system is demonstrated.

f. Existing parts are to be used where possible.

g. Revise two (2) 10' conveyor sections only with rollers at 4" pitch to accommodate a 17 x 17 pallet or a package weight increase from 650# to 1300#. These two 10' sections should be adjustable in an inboard-outboard direction.

h. Maximum adjustability and minimum installation time are desired.

i. The speed requirement of the boxes is changed from 30 mph to 10 mph maximum.

j. The rails are to be spread to the maximum practical width.

k. The inner rail should be adjustable.

l. Add more bevel to the leading edge of the brakes. Add bevel to the trailing edge of brakes for loading.

m. A new brake (or brakes, if more than one idea seems practical) in the standard roller section of the conveyor.

n. Add a return pedal on the transition area brake mechanism.

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o. Move the bottom of the aft vertical roller or otherwise protect against jamming of the cartons.

p. Add latches to the vertical (door) rollers to prevent excessive motion during operation.

q. Keep the center guide rail, but make it as adjustable as practical.

r. Add flares to the guide rails in the entry area.

s. The maximum pallet width is changed to 31". This is for two 15" x 60" boxes side by side on the box edges, plus 1" for ropes. Normal pallet size will be 17" x 40".

t. Add a latch between the vertical rollers to form a gate for the protection of operating personnel.

u. A pencilled sketch of the "Dispatching Possibilities" left by the customer is to be supplemented by measurements taken from pallets and cartons which were left by the customer.

Action Required:

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[redacted] was requested to prepare a proposal incorporating the above changes into a "Revised Conveyor". The object of this program is to determine a feasible and practical conveyor. This proposal has been prepared and will be delivered to the customer at the proposed meeting on January 29, 1959.

Prepared by

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OWNER OF THE TITLE: AIRCRAFT DOORS PROJECT FISCAL REPORT

Project Manager

Date: 12-31-58

Contract No. C-379
Work Order No. STAT

Account Number	Paid End Prior Month	Paid Current Month	Open Purchase Commitments	Committed Costs To Date	Estimated Cost To Complete	Estimated Costs At Completion
Structures 9111.11	12 0			300		300
E.M.Sys.Design 9111.21						
E.M.Mach.Design 9111.22						
Electronics Sys 9111.31						
Electron.Mech. 9111.32						
Nuclear Energy 9111.41						
Ordnance 9111.51	367 6			726 1		726 1
Engr.Services 9111.61						
Aerodynamics 9111.71						
Tool Engr. 9111.81						
Proj.Supv. 9111.91	166 0			282 0		282 0
Eng.Labor 9111	545 6	492 5		1038 1		1038 1
Mechanical 9112.11	111 0			1624 6	20	1626 6
Electronic 9112.21						
Inspection 9112.31	76			74 2		74 2
Mfg. Labor 9112	118 6	1580 2		1698 8	20	1700 8
Total Labor 911	664 2	2072 7		2736 9		2736 9

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Structures 9111.11	43 92			103 50		103 50
E. Sys.Design 9111.21						
E....Mech.Design 9111.22						
Electronics Sys 9111.31						
Electron.Mech. 9111.32						
Nuclear Energy 9111.41						
Ordnance 9111.51	1350 31			2689 25		2689 25
Engr.Services 9111.61						
Aerodynamics 9111.71						
Tool Engr. 9111.81						
Proj.Supv. 9111.91	950 40			1562 40		1562 40
Eng.Labor 9111	2344 63	2010 52		4355 15		4355 15
Mechanical 9112.11	266 49	3845 62		3934 83	460	3939 43
Electronics 9112.21						
Inspection 9112.31	17 15			194 43		194 43
Mfg.Labor 9112	283 64	3845 62		4129 26	460	4133 86
Total Labor 911	2628 27	5856 14		8484 41	460	8489 01
M&PP 9123	1145 85	483 20	27 00	1656 06		1656 06
Sub.Contract 9124		240 42		240 42		240 42
ODC 9125		23 48		23 48		23 48
Tot.Direct 911&912	3774 13	6603 24	27 00	10404 39	460	10408 97
Eng. O/H 9136	1875 70	1608 42		3484 12		3484 12
Mfg. O/H 9137	312 00	4230 18		4542 18	506	4547 24
G&A O/H 9138	894 27	1741 86	405	2640 18	61	2640 79
Tc 91	6856 10	14183 70	31 05	21070 85	1027	21081 12

CONTRACT CHANGES/PROPOSALS INC. IN ESTIMATED COST

CONTRACT CHANGES INCLUDED IN SELLING PRICE 730.6 * 2 10 1.18

SCHEDULE COMPLETION DATE

SELLING PRICE CPEE 12,334.48

STAT 1213.41

18,547.89

CONTRACT TITLE: AIRCRAFT 3

PROJECT FISCAL REPORT

Contract No.	C-379
Work Order No.	STAT

Project Manager

Date: 12-31-58

Account Name	Account Number	Paid End Prior Month	Paid Current Month	Open Purchase Commitments	Committed Costs To Date	Estimated Cost To Complete	Estimated Costs At Completion
Structures	9111.11	217 0			285 5	160	445 5
E.M.Sys.Design	9111.21	-					-
E.M.Mech.Design	9111.22	1 0			1 0		1 0
Electronics Sys	9111.31	3 0			3 0		3 0
Electron.Mech.	9111.32	-			-		-
Nuclear Energy	9111.41	-			-		-
Ordnance	9111.51	2 371 6			3 112 0	804	3 916 0
Engr.Services	9111.61	16 4			16 4	228	244 4
Aerodynamics	9111.71	11 0			18 0		18 0
Tool Engr.	9111.81	8 0			8 0		8 0
Proj.Supv.	9111.91	359 0			515 0	180	695 0
Eng.Labor	9111	2 987 0	971 9		3 958 9	1 972	6 330 9
Mechanical	9112.11	1 220 0			3 610 1	11 432 0	15 042 1
Electronic	9112.21	-					-
Inspection	9112.31	1 777 1			260 6	1 130 0	1 913 6
Mfg. Labor	9112	1 288 2	2 582 5		3 870 7	12 500 0	15 853 7
Total Labor	911	4 275 2	2 554 4		7 829 6	13 957 0	21 786 6

Structures	9111.11	838 25			1 063 15	640	1 703 15
E. Sys.Design	9111.21	-					-
E.M.Mech.Design	9111.22	5 11			5 11		5 11
Electronics Sys	9111.31	16 20			16 20		16 20
Electron.Mech.	9111.32	-			-		-
Nuclear Energy	9111.41	-			-		-
Ordnance	9111.51	8 200 94			10 639 64	2 842 20	13 481 84
Engr.Services	9111.61	55 22			55 22	675 20	730 42
Aerodynamics	9111.71	42 32			67 33		67 33
Tool Engr.	9111.81	34 48			34 48		34 48
Proj.Supv.	9111.91	1 980 00			2 791 80	972 00	3 204 40
Eng.Labor	9111	11 172 52	3 500 41		14 672 93	5 129 40	19 812 93
Mechanical	9112.11	3 287 99			9 145 53	26 503 60	35 649 13
Electronics	9112.21	-			-		-
Inspection	9112.31	177 71			686 08	2 250 00	3 636 00
Mfg.Labor	9112	3 465 70	6 365 91		9 831 61	29 453 60	38 640 51
Total Labor	911	14 638 22	9 866 32		24 504 54	34 593 00	59 007 54
MRPP	9123	2 436 86	3 474 70	95 00	6 006 56	4 140 00	10 146 56
Sub.Contract	9124	33 26	349 46	250 00	632 72	1 600 00	2 232 72
ODC	9125	121 27	23 48		144 75	2 190 00	2 338 75
Tot.Direct	911&912	17 229 61	13 713 96	345 00	31 289 57	42 573 00	75 481 57
Eng. O/H	9136	8 826 21	2 500 33		11 626 54	4 103 52	15 730 06
Mfg. O/H	9137	3 812 21	6 266 62		10 078 83	32 330 96	42 977 79
G&A O/H	9138	4 260 95	3 527 52	138 60	6 287 77	9 681 85	16 269 62
Total	91	34 128 98	26 137 01	1062 60	59 781 71	88 447 36	142 299 27

CONTRACT CHANGES/PROPOSALS INC. IN ESTIMATED COST BASIC - TASK 1 + 2

CONTRACT CHANGES INCLUDED IN SELLING PRICE TASK 1 + 2

SCHEDULE COMPLETION DATE 5-1-59

SELLING PRICE C PFF 161 587.54 11289.47 172 877.61